

Chiara Pontremoli

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

442
citations

687363

13
h-index

794594

19
g-index

30
all docs

30
docs citations

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times ranked

891
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | OASes and STING: Adaptive Evolution in Concert. <i>Genome Biology and Evolution</i> , 2015, 7, 1016-1032. | 2.5 | 57 |
| 2 | Genetic susceptibility to infectious diseases: Current status and future perspectives from genome-wide approaches. <i>Infection, Genetics and Evolution</i> , 2018, 66, 286-307. | 2.3 | 48 |
| 3 | Evolutionary Analysis Identifies an MX2 Haplotype Associated with Natural Resistance to HIV-1 Infection. <i>Molecular Biology and Evolution</i> , 2014, 31, 2402-2414. | 8.9 | 28 |
| 4 | REST, a master regulator of neurogenesis, evolved under strong positive selection in humans and in non human primates. <i>Scientific Reports</i> , 2017, 7, 9530. | 3.3 | 27 |
| 5 | Antigenic variation of SARS-CoV-2 in response to immune pressure. <i>Molecular Ecology</i> , 2021, 30, 3548-3559. | 3.9 | 27 |
| 6 | Arenavirus genomics: novel insights into viral diversity, origin, and evolution. <i>Current Opinion in Virology</i> , 2019, 34, 18-28. | 5.4 | 26 |
| 7 | Ancient Evolution of Mammarenaviruses: Adaptation via Changes in the L Protein and No Evidence for Host-Virus Codivergence. <i>Genome Biology and Evolution</i> , 2018, 10, 863-874. | 2.5 | 22 |
| 8 | Recent Out-of-Africa Migration of Human Herpes Simplex Viruses. <i>Molecular Biology and Evolution</i> , 2020, 37, 1259-1271. | 8.9 | 22 |
| 9 | Past and ongoing adaptation of human cytomegalovirus to its host. <i>PLoS Pathogens</i> , 2020, 16, e1008476. | 4.7 | 19 |
| 10 | Natural Selection at the Brush-Border: Adaptations to Carbohydrate Diets in Humans and Other Mammals. <i>Genome Biology and Evolution</i> , 2015, 7, 2569-2584. | 2.5 | 16 |
| 11 | Positive Selection Drives Evolution at the Host-Filovirus Interaction Surface. <i>Molecular Biology and Evolution</i> , 2016, 33, 2836-2847. | 8.9 | 16 |
| 12 | The mammalian complement system as an epitome of host-pathogen genetic conflicts. <i>Molecular Ecology</i> , 2016, 25, 1324-1339. | 3.9 | 15 |
| 13 | Evolutionary Analysis Provides Insight Into the Origin and Adaptation of HCV. <i>Frontiers in Microbiology</i> , 2018, 9, 854. | 3.5 | 15 |
| 14 | Susceptibility to type 2 diabetes may be modulated by haplotypes in G6PC2, a target of positive selection. <i>BMC Evolutionary Biology</i> , 2017, 17, 43. | 3.2 | 14 |
| 15 | Possible European Origin of Circulating Varicella Zoster Virus Strains. <i>Journal of Infectious Diseases</i> , 2020, 221, 1286-1294. | 4.0 | 13 |
| 16 | Positive selection underlies the species-specific binding of <i>Plasmodium falciparum</i> to human basigin. <i>Molecular Ecology</i> , 2015, 24, 4711-4722. | 3.9 | 12 |
| 17 | The CCR5 ^{Δ32} allele is not a major predisposing factor for severe H1N1pdm09 infection. <i>BMC Research Notes</i> , 2014, 7, 504. | 1.4 | 11 |
| 18 | Diverse selective regimes shape genetic diversity at <i>ADAR</i> genes and at their coding targets. <i>RNA Biology</i> , 2015, 12, 149-161. | 3.1 | 9 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | A 6-amino acid insertion/deletion polymorphism in the mucin domain of TIM-1 confers protections against HIV-1 infection. <i>Microbes and Infection</i> , 2017, 19, 69-74. | 1.9 | 9 |
| 20 | Evolutionary rates of mammalian telomere-stability genes correlate with karyotype features and female germline expression. <i>Nucleic Acids Research</i> , 2018, 46, 7153-7168. | 14.5 | 8 |
| 21 | Kinetochores and microtubule-destabilizing factors are fast evolving in eutherian mammals. <i>Molecular Ecology</i> , 2021, 30, 1505-1515. | 3.9 | 8 |
| 22 | Evolutionary analysis of Old World arenaviruses reveals a major adaptive contribution of the viral polymerase. <i>Molecular Ecology</i> , 2017, 26, 5173-5188. | 3.9 | 7 |
| 23 | Analysis of Reptarenavirus genomes indicates different selective forces acting on the S and L segments and recent expansion of common genotypes. <i>Infection, Genetics and Evolution</i> , 2018, 64, 212-218. | 2.3 | 6 |
| 24 | Simplexviruses Successfully Adapt to Their Host by Fine-Tuning Immune Responses. <i>Molecular Biology and Evolution</i> , 2022, 39, . | 8.9 | 3 |
| 25 | Multiple Selected Changes May Modulate the Molecular Interaction between Laverania RH5 and Primate Basigin. <i>MBio</i> , 2018, 9, . | 4.1 | 2 |
| 26 | Variants in the CYP7B1 gene region do not affect natural resistance to HIV-1 infection. <i>Retrovirology</i> , 2015, 12, 80. | 2.0 | 1 |
| 27 | Alternation between taxonomically divergent hosts is not the major determinant of flavivirus evolution. <i>Virus Evolution</i> , 2021, 7, veab040. | 4.9 | 0 |